

Search Forms

Search
Results

User Searches

Preferences

Logout

Refine Search

Search Results -

GdC 21/00

Terms	Documents
((mov\$ or mobile) adj2 object\$) and ((contin\$ or spatial\$ or mov\$) adj2 quer\$)	5

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

10/700168

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, June 20, 2007

[Purge Queries](#)[Printable Copy](#)[Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
	DB=EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L16</u>	((mov\$ or mobile) adj2 object\$) and ((contin\$ or spatial\$ or mov\$) adj2 quer\$)	5	<u>L16</u>
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L15</u>	L14 and (mobile\$ with data\$ with manag\$) and "spatial-temporal index"	0	<u>L15</u>
<u>L14</u>	l12 or L13	56	<u>L14</u>
<u>L13</u>	((mov\$ or mobile) adj2 object\$) and ((contin\$ or spatial\$ or mov\$) adj2 quer\$) and @pd<=20031103	3	<u>L13</u>
<u>L12</u>	((mov\$ or mobile) adj2 object\$) and ((contin\$ or spatial\$ or mov\$) adj2 quer\$) and @ad<=20031103	56	<u>L12</u>
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L11</u>	L8 and (mov\$ with object\$) and (mov\$ with quer\$)	0	<u>L11</u>
<u>L10</u>	L8 and (mov\$ adj2 object\$) and (mov\$ adj2 quer\$)	0	<u>L10</u>

<u>L9</u>	L8 and L1	0	<u>L9</u>
<u>L8</u>	L4 or L5 or L6	4	<u>L8</u>
<u>L7</u>	L1 and internet\$	4	<u>L7</u>
<u>L6</u>	7010522.pn.	1	<u>L6</u>
<u>L5</u>	6289334.pn. or 6711563.pn.	2	<u>L5</u>
<u>L4</u>	5915251.pn.	1	<u>L4</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;</i>			
<i>OP=OR</i>			
<u>L3</u>	L1 and (mov\$ with object\$ with quer\$)	0	<u>L3</u>
<u>L2</u>	L1 and ((mov\$ adj2 object\$) with (mov\$ adj2 quer\$))	0	<u>L2</u>
<u>L1</u>	(mov\$ adj2 object\$) and (mov\$ adj2 quer\$) and @ad<=20031103	16	<u>L1</u>

END OF SEARCH HISTORY

Hit List

First Hit

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: CN 1892656 A, US 20060287984 A1

L16: Entry 1 of 5

File: DWPI

Jan 10, 2007

DERWENT-ACC-NO: 2007-198168

DERWENT-WEEK: 200731

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TITLE: Range query method for data stream processing system, involves building range query index based on range queries using one or more virtual constructs

Full	Title	Citation	Front	Review	Classification	Date	Reference					Claims	EMC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--	--------	-----	----------

☐ 2. Document ID: KR 546799 B1, KR 2005049822 A

L16: Entry 2 of 5

File: DWPI

Jan 26, 2006

DERWENT-ACC-NO: 2006-410695

DERWENT-WEEK: 200682

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TITLE: Moving object management apparatus through spatiotemporal data integration and information control and moving object management method using the same for reducing management cost

Full	Title	Citation	Front	Review	Classification	Date	Reference					Claims	EMC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--	--------	-----	----------

☐ 3. Document ID: US 20050096841 A1

L16: Entry 3 of 5

File: DWPI

May 5, 2005

DERWENT-ACC-NO: 2005-383143

DERWENT-WEEK: 200539

COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Moving queries evaluating method for moving object e.g. car, involves creating object index for each moving object and query index for each moving query using bounding box, and evaluating queries periodically using query index

Full	Title	Citation	Front	Review	Classification	Date	Reference					Claims	EMC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--	--------	-----	----------

☐ 4. Document ID: US 20050071083 A1, CN 1603749 A

L16: Entry 4 of 5

File: DWPI

Mar 31, 2005

DERWENT-ACC-NO: 2005-294474

DERWENT-WEEK: 200644

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TITLE: Continual queries monitoring method for use in mobile environment, involves identifying preset geographical area in digital format, covering area by shingles, and establishing object identification list for objects e.g. human

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Publ	Draw
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	------

☐ 5. Document ID: EP 1104151 A2, CN 1298269 A, JP 2001216065 A

L16: Entry 5 of 5

File: DWPI

May 30, 2001

DERWENT-ACC-NO: 2001-419821

DERWENT-WEEK: 200157

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TITLE: Operating method of mobile station e.g. cellular radio telephones, involves displaying list of options that are available for selected application in response to input from user

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Publ	Draw
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
((mov\$ or mobile) adj2 object\$) and ((continu\$ or spatial\$ or mov\$) adj2 quer\$)	5

Display Format:

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L16: Entry 1 of 5.

File: DWPI

Jan 10, 2007

DERWENT-ACC-NO: 2007-198168

DERWENT-WEEK: 200731

COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Range query method for data stream processing system, involves building range query index based on range queries using one or more virtual constructs

INVENTOR: CHEN, S; WU, K ; YU, P S

PATENT-ASSIGNEE: IBM CORP (IBMC), INT BUSINESS MACHINES CORP (IBMC)

PRIORITY-DATA: 2005US-0155221 (June 17, 2005)

Search Selected

Search ALL

Clear

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> CN 1892656 A	January 10, 2007		000	G06F017/30
<input type="checkbox"/> US 20060287984 A1	December 21, 2006		019	G06F017/30

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
CN 1892656A	June 16, 2006	2006CN-A092854	
US20060287984A1	June 17, 2005	2005US-0155221	

INT-CL (IPC): G06F 17/30

ABSTRACTED-PUB-NO: US20060287984A

BASIC-ABSTRACT:

NOVELTY - A range query index is built based on one or more range queries using one or more virtual constructs such that the query index is adaptive to changes in the distribution of range query sizes.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) method of evaluating continual range queries;
- (2) range query apparatus;
- (3) apparatus for evaluating continual range queries;
- (4) stored software.

USE - For data stream processing in applications such as mobile computing, location

sensing applications, location aware applications and services for delivering relevant, timely and engaging content and information to targeted customers.

ADVANTAGE - Indexing continual range queries over moving objects provides for efficient data stream processing, enabling to provide location aware services and applications efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the data stream processing system.

ABSTRACTED-PUB-NO: US20060287984A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1A/8

DERWENT-CLASS: T01

EPI-CODES: T01-J05B3; T01-S03;

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L16: Entry 2 of 5

File: DWPI

Jan 26, 2006

DERWENT-ACC-NO: 2006-410695

DERWENT-WEEK: 200682

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TITLE: Moving object management apparatus through spatiotemporal data integration and information control and moving object management method using the same for reducing management cost

INVENTOR: KIM, D H ; KIM, J S ; LEE, H A ; LEE, H J ; RYU, K H

PATENT-ASSIGNEE: ELECTRONICS & TELECOM RES INST (ELTEN)

PRIORITY-DATA: 2003KR-0083566 (November 24, 2003)

Search Selected

Search ALL

Clear

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> KR 546799 B1	January 26, 2006		000	G08G001/127
<input type="checkbox"/> KR 2005049822 A	May 27, 2005		000	G08G001/127

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR 546799B1	November 24, 2003	2003KR-0083566	
KR 546799B1		KR2005049822	Previous Publ.
KR2005049822A	November 24, 2003	2003KR-0083566	

INT-CL (IPC): G08G 1/127

ABSTRACTED-PUB-NO: KR2005049822A

BASIC-ABSTRACT:

NOVELTY - A moving object management apparatus through spatiotemporal data integration and information control and a moving object management method using the same are provided to reduce a management cost by effectively collecting/converting/integrating real-time location data of a moving object.

DETAILED DESCRIPTION - A location data integration and conversion unit collects and integrates location data of a moving object and converts the integrated data to a coordinate system. A moving object query processing unit(103) receives and analyzes a user query using a moving object query, determines executing orders, and calls execution operations. A moving object information provision unit provides a moving object index management function, an uncertainty processing function for supporting a location search process of time intervals which are not stored in a moving object database(107), and a moving object calculation function. A moving object data storage unit analyzes the integrated location data and stores the analyzed result

into the moving object database(107).

ABSTRACTED-PUB-NO: KR2005049822A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/1

DERWENT-CLASS: T01
EPI-CODES: T01-J05B3; T01-J05B4M;

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Generate Collection

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L16: Entry 3 of 5

File: DWPI

May 5, 2005

DERWENT-ACC-NO: 2005-383143

DERWENT-WEEK: 200539

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TITLE: Moving queries evaluating method for moving object e.g. car, involves creating object index for each moving object and query index for each moving query using bounding box, and evaluating queries periodically using query index

INVENTOR: GEDIK, B; WU, K ; YU, P S

PATENT-ASSIGNEE: GEDIK B (GEDI), WU K (WUKKI), YU P S (YUPSI)

PRIORITY-DATA: 2003US-0700168 (November 3, 2003)

Search Selected

Search ALL

Clear

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>US 20050096841 A1</u>	May 5, 2005		017	G01C021/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US20050096841A1	November 3, 2003	2003US-0700168	

INT-CL (IPC): G01C 21/00; G01C 21/26

ABSTRACTED-PUB-NO: US20050096841A

BASIC-ABSTRACT:

NOVELTY - The method involves constructing a bounding box to contain moving objects and moving queries. An object index is created for each object, and a query index is created for each query, using the box. The moving queries are periodically evaluated using the query index to determine which moving object to include in each moving query evaluation. Location information and motion information are received for each object and query.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(A) a computer readable medium containing a computer executable code that when read by a computer causes the computer to perform a method of evaluating moving queries over moving objects

(B) a system for evaluating moving queries over moving objects.

USE - Used for evaluating moving queries over a moving object e.g. car, airplane, cargo ship, stock price, distributed sensor reading for environmental surveillance

including temperature and pressure, and public health data such as a number of sick people and a type of illness.

ADVANTAGE - The method evaluates the queries periodically using the query index to determine which moving object to include in each moving query evaluation, thus reducing demands on computational resources. The use of the query index and object index provides efficient evaluation and reduced costs.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow chart illustrating a moving object table scan.

ABSTRACTED-PUB-NO: US20050096841A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.7/8

DERWENT-CLASS: T01
EPI-CODES: T01-J05A; T01-J05B1; T01-J05B3; T01-J07; T01-S03;

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L16: Entry 3 of 5

File: DWPI

May 5, 2005

DERWENT-ACC-NO: 2005-383143

DERWENT-WEEK: 200539

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TITLE: Moving queries evaluating method for moving object e.g. car, involves creating object index for each moving object and query index for each moving query using bounding box, and evaluating queries periodically using query index

INVENTOR: GEDIK, B; WU, K; YU, P S

PATENT-ASSIGNEE: GEDIK B (GEDI), WU K (WUKKI), YU P S (YUPSI)

PRIORITY-DATA: 2003US-0700168 (November 3, 2003)

Search Selected

Search ALL

Clear

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>US 20050096841 A1</u>	May 5, 2005		017	G01C021/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US20050096841A1	November 3, 2003	2003US-0700168	

INT-CL (IPC): G01C 21/00; G01C 21/26

ABSTRACTED-PUB-NO: US20050096841A

BASIC-ABSTRACT:

NOVELTY - The method involves constructing a bounding box to contain moving objects and moving queries. An object index is created for each object, and a query index is created for each query, using the box. The moving queries are periodically evaluated using the query index to determine which moving object to include in each moving query evaluation. Location information and motion information are received for each object and query.

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DESCRIPTION OF DRAWING(S) - The drawing shows a flow chart illustrating a moving object table scan.

ABSTRACTED-PUB-NO: US20050096841A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.7/8

DERWENT-CLASS: T01
EPI-CODES: T01-J05A; T01-J05B1; T01-J05B3; T01-J07; T01-S03;

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End of Result Set

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L16: Entry 5 of 5

File: DWPI

May 30, 2001

DERWENT-ACC-NO: 2001-419821

DERWENT-WEEK: 200157

COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Operating method of mobile station e.g. cellular radio telephones, involves displaying list of options that are available for selected application in response to input from user

INVENTOR: HELLE, S; KILJANDER, H ; KRAFT, C ; PIRSKANEN, H ; SILFVERBERG, M ; TOKKONEN, T ; VALTONEN, T ; WIKBERG, H

PATENT-ASSIGNEE: NOKIA MOBILE PHONES LTD (OYNO)

PRIORITY-DATA: 1999US-0444917 (November 24, 1999)

[Search Selected](#)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> EP 1104151 A2	May 30, 2001	E	034	H04M001/725
<input type="checkbox"/> CN 1298269 A	June 6, 2001		000	H04Q007/32
<input type="checkbox"/> JP 2001216065 A	August 10, 2001		023	G06F003/00

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 1104151A2	November 21, 2000	2000EP-0310340	
CN 1298269A	November 24, 2000	2000CN-0128369	
JP2001216065A	November 24, 2000	2000JP-0358307	

INT-CL (IPC): G06F 3/00; H04M 1/00; H04M 1/247; H04M 1/725; H04Q 7/32; H04Q 7/38

ABSTRACTED-PUB-NO: EP 1104151A

BASIC-ABSTRACT:

NOVELTY - Mobile station with user interface (11), has display (20) and user input device (22,23). The identification of several applications that the mobile station is capable of executing, is displayed to the user. The input device is operated to select displayed application indications and based on the further input from the user, the list of options that are available for the selected application, are displayed.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for mobile station.

USE - For operating mobile stations such as cellular radio telephones, personal communicators that operate with digital wireless network.

ADVANTAGE - Provides improved user interface for mobile station that provides one hand operation of manipulator to gain access to and interact with all applications. Provides mobile station object handling method in which menu of functions operable in context of currently displayed object is displayed and enables the user to activate selected function by editing, copying, moving and making a query.

DESCRIPTION OF DRAWING(S) - The figure shows the several display screens and examples of selection list.

User interface 11

Display 20

Input device 22,23

ABSTRACTED-PUB-NO: EP 1104151A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.5/19

DERWENT-CLASS: W01 W02
EPI-CODES: W01-B05A1A; W01-C02B7D; W02-C03C1A;

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Search Results

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Results for "'query index' <and> 'bounding box' <and> ('moving object' <or> 'mobile objec...'"
Your search matched 3 of 1589326 documents.
A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

☒ e-mail

» Search Options

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» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

'query index' <and> 'bounding box' <and> ('moving object' <or> 'mobile object') <and>

☐ Check to search only within this results set

Display Format: ☒ Citation ☐ Citation & Abstract

[Select All](#) [Deselect All](#)

- ☐ 1. **Tracking Nearest Surrounders in Moving Object Environments**
Lee, K.C.K.; Schiffman, J.; Baihua Zheng; Wang-Chien Lee; Hong Va Leong;
[2006 ACS/IEEE International Conference on Pervasive Services](#)
June 26-29, 2006 Page(s):3 -12
[AbstractPlus](#) | Full Text: [PDF\(396 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 2. **MobIEyes: A Distributed Location Monitoring Service Using Moving Loca**
Gedik, B.; Ling Liu;
[Mobile Computing, IEEE Transactions on](#)
Volume 5, Issue 10, Oct. 2006 Page(s):1384 - 1402
Digital Object Identifier 10.1109/TMC.2006.153
[AbstractPlus](#) | Full Text: [PDF\(2760 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **Processing moving queries over moving objects using motion-adaptive in**
Gedik, B.; Kun-Lung Wu; Yu, P.S.; Ling Liu;
[Knowledge and Data Engineering, IEEE Transactions on](#)
Volume 18, Issue 5, May 2006 Page(s):651 - 668
Digital Object Identifier 10.1109/TKDE.2006.81
[AbstractPlus](#) | Full Text: [PDF\(4136 KB\)](#) IEEE JNL
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Wed, 20 Jun 2007, 8:54:23 PM EST

Edit an existing query or
compose a new query in the
Search Query Display.

Search Query Display

10/700,168

Select a search number (#)
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

#1 ~query index~ <and> ~bounding box~ <and> (~moving object~ <or> ~mobile object~) <and> (~moving queries~ <or> ~continual queries~ <or> ~spatial queries~) <in> pdfdata

#2 ~query index~ <and> ~bounding box~ <and> (~moving object~ <or> ~mobile object~) <and> (~moving queries~ <or> ~continual queries~ <or> ~spatial queries~) <in> pdfdata

#3 ~query index~ <and> ~bounding box~ <and> (~moving object~ <or> ~mobile object~) <and> (~moving queries~ <or> ~continual queries~ <or> ~spatial queries~) <in> pdfdata

#4 ~query index~ <and> ~bounding box~ <and> (~moving object~ <or> ~mobile object~) <and> (~moving queries~ <or> ~continual queries~ <or> ~spatial queries~) <in> pdfdata

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Search Results - Record(s) 1 through 10 of 56 returned.

☐ 1. Document ID: US 20060085370 A1

L14: Entry 1 of 56

File: PGPB

Apr 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060085370

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060085370 A1

TITLE: System for identifying data relationships

PUBLICATION-DATE: April 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Groat; Robert	Valley Lee	MD	US
Armstrong; Kate	Mystic	CT	US

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Index	Drawings
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☐ 2. Document ID: US 20050096841 A1

L14: Entry 2 of 56

File: PGPB

May 5, 2005

PGPUB-DOCUMENT-NUMBER: 20050096841

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050096841 A1

TITLE: System and method for evaluating moving queries over moving objects

PUBLICATION-DATE: May 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gedik, Bugra	Atlanta	GA	US
Wu, Kun-Lung	Yorktown Heights	NY	US
Yu, Philip Shi-Lung	Chappaqua	NY	US

US-CL-CURRENT: 701/207; 342/357.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Index	Drawings
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☐ 3. Document ID: US 20050071321 A1

L14: Entry 3 of 56

File: PGPB

Mar 31, 2005

PGPUB-DOCUMENT-NUMBER: 20050071321

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050071321 A1

TITLE: System and method for monitoring events against continual range queries

PUBLICATION-DATE: March 31, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chen, Shyh-Kwei	Chappaqua	NY	US
Wu, Kun-Lung	Yorktown Heights	NY	US
Yu, Philip Shi-Lung	Chappaqua	NY	US

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Drawings
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☐ 4. Document ID: US 20050071083 A1

L14: Entry 4 of 56

File: PGPB

Mar 31, 2005

PGPUB-DOCUMENT-NUMBER: 20050071083

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050071083 A1

TITLE: Method and structure for monitoring moving objects

PUBLICATION-DATE: March 31, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chen, Shyh-Kwei	Chappaqua	NY	US
Wu, Kun-Lung	Yorktown Heights	NY	US
Yu, Philip Shi-Lung	Chappaqua	NY	US

US-CL-CURRENT: 701/213; 455/456.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Drawings
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☐ 5. Document ID: US 20050054290 A1

L14: Entry 5 of 56

File: PGPB

Mar 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050054290

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050054290 A1

TITLE: Rules based methods and apparatus for generating notification messages based on the proximity of electronic devices to one another

PUBLICATION-DATE: March 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Logan, James D.	Candia	NH	US
Logan, Brian	Monroe	CT	US

US-CL-CURRENT: 455/41.2; 455/456.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Index	Drawings
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☐ 6. Document ID: US 20040203852 A1

L14: Entry 6 of 56

File: PGPB

Oct 14, 2004

PGPUB-DOCUMENT-NUMBER: 20040203852
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040203852 A1

TITLE: System for delivering location-based notifications and method thereof

PUBLICATION-DATE: October 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Janakiraman, Pradeep	Tamil Nadu		IN

US-CL-CURRENT: 455/456.1; 455/141, 455/458

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Index	Drawings
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☐ 7. Document ID: US 20040198398 A1

L14: Entry 7 of 56

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040198398
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040198398 A1

TITLE: System and method for detecting proximity between mobile device users

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Amir, Arnon Saratoga CA US
Efrat, Alon Tucson AZ US

US-CL-CURRENT: 455/456.6; 455/412.2, 455/456.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 8. Document ID: US 20040117358 A1

L14: Entry 8 of 56

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040117358
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040117358 A1

TITLE: Method, system, and program for an improved enterprise spatial system

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
von Kaenel, Tim A.	Coto de Caza	CA	US
Dyrnaes, David Neil	Newport Coast	CA	US
Kumar, C. Suresh	Ladera Ranch	CA	US
Wayman, Jared Paul	Laguna Niguel	CA	US
Goodwin, Jonathan David	Laguna Niguel	CA	US
Trivelpiece, Craig Evan	Newport Beach	CA	US
Mihalich, Joseph	Rancho Santa Margarita	CA	US
Jenkins, Anthony Page	Aliso Viejo	CA	US
Odom,, Richard Hoyt JR.	Charlottesville	VA	US
Stier, Mark Andrew	Laguna Niguel	CA	US
Obee, Anne Janetta	Santa Ana	CA	US

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 9. Document ID: US 20030122657 A1

L14: Entry 9 of 56

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030122657
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030122657 A1

TITLE: Officiating system

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hodsdon, Kelly P.	Aloha	OR	US
Colson, Bill	Portland	OR	US

US-CL-CURRENT: 340/323R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	DOC	Drawings
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☐ 10. Document ID: US 20030113009 A1

L14: Entry 10 of 56

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113009

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030113009 A1

TITLE: System and method for confirming electrical connection defects

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Mueller, Horst	Loveland	CO	US
Bhalla, Sunit	Ft. Collins	CO	US
Kanack, Kris	Loveland	CO	US
Oresjo, Stig	Loveland	CO	US

US-CL-CURRENT: 382/147

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	DOC	Drawings
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☐ 11. Document ID: US 20020097893 A1

L14: Entry 11 of 56

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020097893

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020097893 A1

TITLE: Apparatus and method for generating object-labeled image in video sequence

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lee, Seong-Deok	Kyungki-do		KR
Kim, Chang-Yeong	Kyungki-do		KR
Kim, Ji-Yeon	Seoul		KR
Kim, Sang-Kyun	Kyungki-do		KR
Moon, Young-Su	Seoul		KR
Park, Doo-Sik	Kyungki-do		KR

US-CL-CURRENT: 382/103; 382/190

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Publ	Draw
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☐ 12. Document ID: US 20020087570 A1

L14: Entry 12 of 56

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020087570

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020087570 A1

TITLE: Space and time information system and method

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jacquez, Geoffrey M.	Ann Arbor	MI	US
Kaufmann, Andrew	Ann Arbor	MI	US

US-CL-CURRENT: 707/100; 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	PMC	Draw D.
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☐ 13. Document ID: US 20020057283 A1

L14: Entry 13 of 56

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020057283

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020057283 A1

TITLE: Region modeling of mobile services

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Biswas, Prabuddha	Nashua	NH	US
Chatterjee, Raja	Nashua	NH	US
Han, Song	Nashua	NH	US

US-CL-CURRENT: 715/700; 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	PMC	Draw D.
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☐ 14. Document ID: US 20020032697 A1

L14: Entry 14 of 56

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020032697

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020032697 A1

TITLE: Time inheritance scene graph for representation of media content

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
French, Michael T.	Newburyport	MA	US
Robotham, John S.	Belmont	MA	US

US-CL-CURRENT: 715/500.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	PMC	Draw D.
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☐ 15. Document ID: US 20010032268 A1

PGPUB-DOCUMENT-NUMBER: 20010032268
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010032268 A1

TITLE: Distribution of motion control commands over a network

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brown, David W.	Bingen	WA	US
Clark, Jay S.	Bingen	WA	US

US-CL-CURRENT: 709/230

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 16. Document ID: US 7107285 B2

L14: Entry 16 of 56

File: USPT

Sep 12, 2006

US-PAT-NO: 7107285
DOCUMENT-IDENTIFIER: US 7107285 B2

TITLE: Method, system, and program for an improved enterprise spatial system

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040117358 A1	June 17, 2004

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 17. Document ID: US 7045787 B1

L14: Entry 17 of 56

File: USPT

May 16, 2006

US-PAT-NO: 7045787
DOCUMENT-IDENTIFIER: US 7045787 B1
** See image for Certificate of Correction **

TITLE: Density detection using real time discrete photon counting for fast moving targets

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 18. Document ID: US 7024020 B2

US-PAT-NO: 7024020

DOCUMENT-IDENTIFIER: US 7024020 B2

TITLE: Apparatus and method for generating object-labeled image in video sequence

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20020097893 A1

July 25, 2002

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PubC	Draw C
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☐ 19. Document ID: US 7005970 B2

L14: Entry 19 of 56

File: USPT

Feb 28, 2006

US-PAT-NO: 7005970

DOCUMENT-IDENTIFIER: US 7005970 B2

TITLE: Officiating system

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030122657 A1

July 3, 2003

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PubC	Draw C
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☐ 20. Document ID: US 6996402 B2

L14: Entry 20 of 56

File: USPT

Feb 7, 2006

US-PAT-NO: 6996402

DOCUMENT-IDENTIFIER: US 6996402 B2

TITLE: Rules based methods and apparatus for generating notification messages based on the proximity of electronic devices to one another

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050054290 A1

March 10, 2005

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PubC	Draw C
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☐ 21. Document ID: US 6970871 B1

L14: Entry 21 of 56

File: USPT

Nov 29, 2005

US-PAT-NO: 6970871

DOCUMENT-IDENTIFIER: US 6970871 B1

TITLE: System and method of sorting information based on a location of a mobile station

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Drawings	Drawings
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☐ 22. Document ID: US 6954764 B2

L14: Entry 22 of 56

File: USPT

Oct 11, 2005

US-PAT-NO: 6954764

DOCUMENT-IDENTIFIER: US 6954764 B2

TITLE: Region modeling of mobile services

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Drawings	Drawings
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☐ 23. Document ID: US 6941543 B1

L14: Entry 23 of 56

File: USPT

Sep 6, 2005

US-PAT-NO: 6941543

DOCUMENT-IDENTIFIER: US 6941543 B1

**** See image for Certificate of Correction ****

TITLE: Motion control system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Drawings	Drawings
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☐ 24. Document ID: US 6895329 B1

L14: Entry 24 of 56

File: USPT

May 17, 2005

US-PAT-NO: 6895329

DOCUMENT-IDENTIFIER: US 6895329 B1

TITLE: Method and system for querying in a moving object database

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draws
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☐ 25. Document ID: US 6853744 B2

L14: Entry 25 of 56

File: USPT

Feb 8, 2005

US-PAT-NO: 6853744

DOCUMENT-IDENTIFIER: US 6853744 B2

TITLE: System and method for confirming electrical connection defects

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draws
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☐ 26. Document ID: US 6845322 B1

L14: Entry 26 of 56

File: USPT

Jan 18, 2005

US-PAT-NO: 6845322

DOCUMENT-IDENTIFIER: US 6845322 B1

TITLE: Method and system for distributed navigation

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draws
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☐ 27. Document ID: US 6801850 B1

L14: Entry 27 of 56

File: USPT

Oct 5, 2004

US-PAT-NO: 6801850

DOCUMENT-IDENTIFIER: US 6801850 B1

TITLE: Method and system for tracking moving objects

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draws
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☐ 28. Document ID: US 6742037 B1

L14: Entry 28 of 56

File: USPT

May 25, 2004

US-PAT-NO: 6742037

DOCUMENT-IDENTIFIER: US 6742037 B1

TITLE: Method and apparatus for dynamic information transfer from a mobile target to a fixed target that tracks their relative movement and synchronizes data between them

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draws
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☐ 29. Document ID: US 6631271 B1

L14: Entry 29 of 56

File: USPT

Oct 7, 2003

US-PAT-NO: 6631271

DOCUMENT-IDENTIFIER: US 6631271 B1

TITLE: Rules based methods and apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Table
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☐ 30. Document ID: US 6594666 B1

L14: Entry 30 of 56

File: USPT

Jul 15, 2003

US-PAT-NO: 6594666

DOCUMENT-IDENTIFIER: US 6594666 B1

TITLE: Location aware application development framework

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Table
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☐ 31. Document ID: US 6516236 B1

L14: Entry 31 of 56

File: USPT

Feb 4, 2003

US-PAT-NO: 6516236

DOCUMENT-IDENTIFIER: US 6516236 B1

TITLE: Motion control systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Drawings	Abstract
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☐ 32. Document ID: US 6513058 B2

L14: Entry 32 of 56

File: USPT

Jan 28, 2003

US-PAT-NO: 6513058

DOCUMENT-IDENTIFIER: US 6513058 B2

TITLE: Distribution of motion control commands over a network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Drawings	Abstract
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☐ 33. Document ID: US 6507025 B1

L14: Entry 33 of 56

File: USPT

Jan 14, 2003

US-PAT-NO: 6507025

DOCUMENT-IDENTIFIER: US 6507025 B1

TITLE: Density detection using real time discrete photon counting for fast moving targets

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Drawings	Abstract
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☐ 34. Document ID: US 6505194 B1

L14: Entry 34 of 56

File: USPT

Jan 7, 2003

US-PAT-NO: 6505194

DOCUMENT-IDENTIFIER: US 6505194 B1

TITLE: Search user interface with enhanced accessibility and ease-of-use features based on visual metaphors

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 35. Document ID: US 6285378 B1

L14: Entry 35 of 56

File: USPT

Sep 4, 2001

US-PAT-NO: 6285378

DOCUMENT-IDENTIFIER: US 6285378 B1

TITLE: Method and apparatus for span and subspan sorting rendering system

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 36. Document ID: US 6266053 B1

L14: Entry 36 of 56

File: USPT

Jul 24, 2001

US-PAT-NO: 6266053

DOCUMENT-IDENTIFIER: US 6266053 B1

TITLE: Time inheritance scene graph for representation of media content

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 37. Document ID: US 6209037 B1

L14: Entry 37 of 56

File: USPT

Mar 27, 2001

US-PAT-NO: 6209037

DOCUMENT-IDENTIFIER: US 6209037 B1

**** See image for Certificate of Correction ****

TITLE: Motion control systems using communication map to facilitating communication with motion control hardware

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 38. Document ID: US 6144996 A

L14: Entry 38 of 56

File: USPT

Nov 7, 2000

US-PAT-NO: 6144996

DOCUMENT-IDENTIFIER: US 6144996 A

TITLE: Method and apparatus for providing a guaranteed minimum level of performance for content delivery over a network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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☐ 39. Document ID: US 6144375 A

L14: Entry 39 of 56

File: USPT

Nov 7, 2000

US-PAT-NO: 6144375

DOCUMENT-IDENTIFIER: US 6144375 A

TITLE: Multi-perspective viewer for content-based interactivity

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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☐ 40. Document ID: US 6104394 A

L14: Entry 40 of 56

File: USPT

Aug 15, 2000

US-PAT-NO: 6104394

DOCUMENT-IDENTIFIER: US 6104394 A

TITLE: Data processing system for automatic storage of objects of an object type within a logical containment system and method therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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☐ 41. Document-ID: US 5977987 A

L14: Entry 41 of 56

File: USPT

Nov 2, 1999

US-PAT-NO: 5977987

DOCUMENT-IDENTIFIER: US 5977987 A

TITLE: Method and apparatus for span and subspan sorting rendering system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Full	Draw
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☐ 42. Document ID: US 5936624 A

L14: Entry 42 of 56

File: USPT

Aug 10, 1999

US-PAT-NO: 5936624

DOCUMENT-IDENTIFIER: US 5936624 A

**** See image for Certificate of Correction ****

TITLE: Data processing system having a logical containment system and method therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Full	Draw
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☐ 43. Document ID: US 5896133 A

L14: Entry 43 of 56

File: USPT

Apr 20, 1999

US-PAT-NO: 5896133

DOCUMENT-IDENTIFIER: US 5896133 A

TITLE: Graphical user interface for navigating between street, hallway, room, and function metaphors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Full	Draw
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☐ 44. Document ID: US 5892520 A

L14: Entry 44 of 56

File: USPT

Apr 6, 1999

US-PAT-NO: 5892520

DOCUMENT-IDENTIFIER: US 5892520 A

TITLE: Picture query system using abstract exemplary motions of a pointing device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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☐ 45. Document ID: US 5867385 A

L14: Entry 45 of 56

File: USPT

Feb 2, 1999

US-PAT-NO: 5867385

DOCUMENT-IDENTIFIER: US 5867385 A

** See image for Certificate of Correction **

TITLE: Motion control systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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☐ 46. Document ID: US 5691897 A

L14: Entry 46 of 56

File: USPT

Nov 25, 1997

US-PAT-NO: 5691897

DOCUMENT-IDENTIFIER: US 5691897 A

** See image for Certificate of Correction **

TITLE: Motion control systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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☐ 47. Document ID: US 5689669 A

L14: Entry 47 of 56

File: USPT

Nov 18, 1997

US-PAT-NO: 5689669

DOCUMENT-IDENTIFIER: US 5689669 A

TITLE: Graphical user interface for navigating between levels displaying hallway and room metaphors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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☐ 48. Document ID: US 5590262 A

L14: Entry 48 of 56

File: USPT

Dec 31, 1996

US-PAT-NO: 5590262

DOCUMENT-IDENTIFIER: US 5590262 A

TITLE: Interactive video interface and method of creation thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Book	Drawings
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☐ 49. Document ID: US 5572634 A

L14: Entry 49 of 56

File: USPT

Nov 5, 1996

US-PAT-NO: 5572634

DOCUMENT-IDENTIFIER: US 5572634 A

TITLE: Method and apparatus for spatial simulation acceleration

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Book	Drawings
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☐ 50. Document ID: US 5490646 A

L14: Entry 50 of 56

File: USPT

Feb 13, 1996

US-PAT-NO: 5490646

DOCUMENT-IDENTIFIER: US 5490646 A

TITLE: Aircraft maintenance robot

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Book	Drawings
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☐ 51. Document ID: US 5318254 A

L14: Entry 51 of 56

File: USPT

Jun 7, 1994

US-PAT-NO: 5318254

DOCUMENT-IDENTIFIER: US 5318254 A

** See image for Certificate of Correction **

TITLE: Aircraft maintenance robot

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Publ	Draw
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☐ 52. Document ID: US 5103404 A

L14: Entry 52 of 56

File: USPT

Apr 7, 1992

US-PAT-NO: 5103404

DOCUMENT-IDENTIFIER: US 5103404 A

TITLE: Feedback for a manipulator

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Publ	Draw
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☐ 53. Document ID: US 4686522 A

L14: Entry 53 of 56

File: USPT

Aug 11, 1987

US-PAT-NO: 4686522

DOCUMENT-IDENTIFIER: US 4686522 A

TITLE: Method of editing graphic objects in an interactive draw graphic system using implicit editing actions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Publ	Draw
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☐ 54. Document ID: US 20050096841 A1

L14: Entry 54 of 56

File: DWPI

May 5, 2005

DERWENT-ACC-NO: 2005-383143

DERWENT-WEEK: 200539

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TITLE: Moving queries evaluating method for moving object e.g. car, involves creating object index for each moving object and query index for each moving query using bounding box, and evaluating queries periodically using query index

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PubC	Draw C
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☐ 55. Document ID: US 20050071083 A1, CN 1603749 A

L14: Entry 55 of 56

File: DWPI

Mar 31, 2005

DERWENT-ACC-NO: 2005-294474

DERWENT-WEEK: 200644

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TITLE: Continual queries monitoring method for use in mobile environment, involves identifying preset geographical area in digital format, covering area by shingles, and establishing object identification list for objects e.g. human

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PubC	Draw C
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☐ 56. Document ID: EP 1104151 A2, CN 1298269 A, JP 2001216065 A

L14: Entry 56 of 56

File: DWPI

May 30, 2001

DERWENT-ACC-NO: 2001-419821

DERWENT-WEEK: 200157

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TITLE: Operating method of mobile station e.g. cellular radio telephones, involves displaying list of options that are available for selected application in response to input from user

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PubC	Draw C
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Terms	Documents
L12 or L13	56

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